United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

FEBRUARY 1939

Any five of the nontechnical publications listed herein, unless indicated "For sale only," may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

FARMERS' BULLETINS

Weevils in beans and peas. E. A. Back, Bureau of Entomology and Plant Quarantine. 37 p., illus. (F. B. 1275F., rev.) Price, 10¢.

Marketing the cowpea seed crop. J. E. Barr, Bureau of Agricultural Economics. 19 p., illus. (F. B. 1308F., rev.) Price, 5¢.

Mechanical milk cooling on farms. J. R. McCalmont, Bureau of Agricultural Engineering. 21 p., illus. (F. B. 1818F.) Price, 5¢.

Infectious anemia (swamp fever). William S. Gochenour, Clarence D. Stein, and Oswald L. Osteen, Bureau of Animal Industry. 10 p., illus. (F. B. 1819F.) Price, 5¢.

LEAFLETS

Dual-purpose pines. Forest Service. 8 p., illus. (Leaf. 168L.) Price, 5¢.

Why fruit trees fail to bear. H. P. Gould, Bureau of Plant Industry. 5 p., illus. (Leaf. 172L.) Price, 5¢.

Dwarf fruits. H. P. Gould, Bureau of Plant Industry. 8 p. (Leaf. 178L.) Price, 5¢.

How to keep and increase black grama on southwestern ranges. R. S. Campbell and Edward C. Crafts, Forest Service. 8 p., illus. (Leaf. 180L.) Price, 5¢.

TECHNICAL BULLETINS

Loss, during storage, of vitamin A from alfalfa leaf meals fed to chickens. Burt W. Heywang and Rudolph B. Morgan, Bureau of Animal Industry. 8 p. (T. B. 632T.) Price, 5¢.

The chemical determination of soundness in corn. Lawrence Zeleny and D. A. Coleman, Bureau of Agricultural Economics. 24 p., illus. (T. B. 644T.) Price, 5¢.

A revision of the mites of the subfamily Tarsoneminae of North America, the West Indies, and the Hawaiian Islands. H. E. Ewing, Bureau of Entomology and Plant Quarantine. 64 p., illus. (T. B. 653T.) Price, 15¢.

The sand wireworm and its control in the South Carolina Coastal Plain. J. N. Tenhet and E. W. Howe, Bureau of Entomology and Plant Quarantine. 39 p., illus. (T. B. 659T.) Price, 10¢.

CIRCULARS

Curly-top-resistant sugar-beet varieties in 1938. Forrest V. Owen, Fred A. Abegg, Albert M. Murphy, Bion Tolman, Charles Price, Finley G. Larmer, and Eubanks Carsner, Bureau of Plant Industry. 10 p., illus. (Cir. 513C.) Price, 5¢.

The Northstar strawberry. George M. Darrow, Bureau of Plant Industry. 2 p., illus. (Cir. 517C.) Price, 5¢.

MISCELLANEOUS PUBLICATIONS

List of available publications of the United States Department of Agriculture. January 2, 1939. Fred L. Zimmerman and Phyllis R. Read, Office of Information. 190 p. (M. P. 60M., rev.)

The hurricane. I. R. Tannehill, Weather Bureau. [14 p.], illus. (M. P. 197M., rev.) Price, 5¢.[2]

[2] May be obtained from the issuing bureau.

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SERVICE AND REGULATORY ANNOUNCEMENTS

Bureau of Animal Industry. Service and regulatory announcements. December 1938. Pp. 143–151. (S. R. A.–B. A. I. 380.) Price, 5¢.[1]

White-fringed beetle quarantine (Quarantine No. 72). Bureau of Entomology and Plant Quarantine. Effective January 15, 1939. 5 p. (B. E. P. Q.–Q. 72.)[2]

SOIL SURVEYS

Utah, Price area. (No. 13, series 1934.) 24 p., illus. Price, 35¢.

Washington, Kitsap County. (No. 12, series 1934.) 41 p., illus. Price, 35¢.

STATISTICAL BULLETINS

Annual report on tobacco statistics, 1938. Bureau of Agricultural Economics. 108 p. (S. B. 67S.) Price, 15¢.

OTHER PUBLICATIONS

Act II. Uniform Motor Vehicle Operators' and Chauffeurs' License Act. Bureau of Public Roads. 12 p.[2]

Building rural leadership. A report of extension work in agriculture and home economics in 1935. C. W. Warburton, Reuben Brigham, and C. B. Smith, Extension Service. 76 p. Price, 15¢.

Erosion and related land use conditions on the Elm Creek watershed, Texas. Harvey Oakes and Elias Somerville, Soil Conservation Service. 20 p., illus. Price, 10¢. For sale only.

Erosion and related land use conditions on the Reedy Fork demonstration area, North Carolina. W. W. Stevens, H. V. Bragg, E. C. Sease, and O. C. Lewis, Soil Conservation Service. 21 p., illus. Price, 10¢. For sale only.

Erosion and related land use conditions on the Froid demonstration project. Montana. William C. Boatright, Soil Conservation Service. 28 p., illus. Price, 25¢. For sale only.

Erosion control in the Northeast. Soil Conservation Service. Revision. [19 p.] illus. Price, 10¢.

Index to publications of the United States Department of Agriculture, 1931–1935. Mary A. Bradley, Office of Information. 518 p. Price, $1.25. For sale only.

Report of the Chief of the Bureau of Agricultural Engineering, 1938. S. H. McCrory. 26 p. Price, 5¢.

Report of the Chief of the Bureau of Chemistry and Soils, 1938. Henry G. Knight. 55 p. Price, 10¢.

Report of the Chief of the Bureau of Entomology and Plant Quarantine, 1938. Lee A. Strong. 84 p. Price, 10¢.

Report of the Chief of the Bureau of Plant Industry, 1938. E. C. Auchter. 37 p. Price, 10¢.

Report of the Chief of the Commodity Exchange Administration, 1938. J. W. T. Duvel. 18 p. Price, 5¢.

Report of the Chief of the Forest Service, 1938. F. A. Silcox. 55 p. Price, 10¢. For sale only.

Report of the Chief of the Soil Conservation Service, 1938. H. H. Bennett. 55 p. Price, 10¢. For sale only.

Report of the Director of Finance, 1938. W. A. Jump. 24 p. Price, 5¢. For sale only.

Transition curves for highways. Joseph Barnett, Bureau of Public Roads. 211 p. Price, 60¢.[1] Restricted distribution.

Tree planting on the Prairie States Forestry Project. Forest Service. 7 p., illus.[2]

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.
[2] May be obtained from the issuing bureau.

Indicate below, by numbers IN NUMERICAL ORDER, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Be sure to fill in blank form on reverse side.

Farmers' Bulletins	Leaflets	Other publications

AGRICULTURAL ADJUSTMENT ADMINISTRATION

G–91. Participation under A. A. A. program 1933–35. 36 p., illus.[2]

G–93. The wheat problem and what the farmer can do about it through the AAA farm program. 16 p., illus.[2]

SR Leaflet No. 301–B. How the 1939 A. A. A. farm program works, 8 p.[2]

SR Leaflet No. 301–A. How the A. A. A. farm program works. 11 p., illus.[2]

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 23, No. 2, February 1939. Price, 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.[1]

Crops and markets. Vol. 16, No. 1, January, 1939. Price, 10¢ a copy; $1.00 a year, domestic; $1.50 a year, foreign.[1]

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, $3.00 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscription, $7.25 a year. Maps DI, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States, 20¢ a month, $2.40 a year.[1]

Extension service review. Vol. 10, No. 2, February 1939. Illus. Price, 10¢ a copy; 75¢ a year, domestic; $1.15 a year, foreign.[1]

Journal of agricultural research. Price, $3.25 a year, domestic; $4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.[1] *Not distributed free to individuals.*

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. The Office of Information has none for general distribution.

A–184. (In vol. 57, no. 5.) Vertical migration, distribution, and survival of infective horse strongyle larvae developing in feces buried in different soils. John T. Lucker.
Ala.–16. (In vol. 57, no. 5.) A method of determining root-knot resistance in beans and cowpeas in the seedling stage. Keith C. Barrons.
Ariz.–14. (In vol. 57, no. 4.) Inflorescence blight of the date palm. J. G. Brown and Karl D. Butler.
Ariz.–15. (In vol. 57, no. 8.) Relation between fiber length and maturity in cotton. R. S. Hawkins.
Calif.–97. (In vol. 57, no. 8.) A mosaic disease of turnip. C. M. Tompkins.
Calif.–98. (In vol. 57, no. 8.) Assays of riboflavin and the filtrate factor in certain milk products. T. H. Jukes and G. A. Richardson.
Calif.–99. (In vol. 57, no. 7.) The effect of environmental temperature on mortality, rate of growth, and utilization of food energy in White Leghorn chicks. C. F. Winchester and M. Kleiber.

[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.
[2] These may be obtained free upon application to the Agricultural Adjustment Administration.

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Journal of agricultural research—Continued.

F-87. (In vol. 57, no. 4.) Rate of spread of surface fires in the ponderosa pine type of California. John R. Curry and Wallace L. Fons.
F-88. (In vol. 57, no. 10.) Sampling error in timber surveys. A. A. Hasel.
G-1100. (In vol. 57, no. 4.) Two *Mastigosporium* leaf spots on Gramineae. Roderick Sprague.
G-1102 (In vol. 57, no. 4.) Anatomy of the leaf and stem of *Gossypium*. Irma E. Webber.
G-1108. (In vol. 57, no. 9.) Host-parasite relations in red clover plants resistant and susceptible to powdery mildew, *Erysiphe polygoni*. Oliver F. Smith.
G-1110. (In vol. 57, no. 10.) Linkage of the Q B Gs group in sorghum. J. C. Stephens and J. R. Quinby.
G-1111. (In vol. 57, no. 8.) The essentiality of gallium to growth and reproduction of *Aspergillus niger*. Robert A. Steinberg.
G-1112. (In vol. 57, no. 10.) Further investigations of brown-staining fungi associated with engraver beetles (*Scolytus*) in white fir. Ernest Wright.
G-1113. (In vol. 57, no. 11.) Stagonospora leaf spot and root rot of forage legumes. Fred Reuel Jones and J. L. Weimer.
G-1115. (In vol. 57, no. 11.) The growth curve of sorghum. A. T. Bartel and J. H. Martin.
I-24. (In vol. 57, no. 9.) The carotene content of market hays and corn silage. Herbert G. Wiseman, Edward A. Kane, Leo A. Shinn, and C. A. Cary.
Ill.-68. (In vol. 57, no. 5.) Hood and supernumerary spike development in barley. O. T. Bonnett.
Ill.-69. (In vol. 57, no. 10.) A study of protein extract from soybeans with reference to its use in food. Sybil Woodruff, Evelyn Chambers, and Helen Klaas.
Iowa-29. (In vol. 57, no. 6.) Observations on muskrat damage to corn and other crops in central Iowa. Paul L. Errington.
K-297. (In vol. 57, no. 11.) Laboratory studies on *Tetrastichus xanthomelaenae* Fond., and *Tetrastichus* sp., two hymenopterous egg parasites of the elm leaf beetle. P. A. Berry.
K-298. (In vol. 57, no. 9.) An analysis of the blood of the sixth-instar southern armyworm (*Prodenia eridania*). Frank H. Babers.
K-299. (In vol. 57, no. 9.) The biological disposition of rotenone after ingestion by the southern armyworm. P. A. Woke.
Mass.-50. (In vol. 57, no. 8.) Relation of soil temperature to chlorosis of gardenia. Linus H. Jones.
N. Dak.-16. (In vol. 57, no. 7.) Digestible nutrients and metabolizable energy in certain silages, hays, and mixed rations. F. W. Christensen and T. H. Hopper.
Pa.-59. (In vol. 57, no. 6.) Foliar diagnosis in relation to development and fertilizer treatment of the potato. Walter Thomas and Warren B. Mack.
Wash.-30. (In vol. 57, no. 8.) Resistance in the red raspberry to the mosaic vector *Amphorophora rubi* Kalt. Glenn A. Huber and C. D. Schwartze.
W. Va.-14. (In vol. 57, no. 5.) Microchemical studies of potato tubers affected with blue stem disease. L. M. Hill and C. R. Orton.

Journal of agricultural research. Vol. 57, No. 12, December 15, 1938; Vol. 58, No. 1, January 1; No. 2, January 15, 1939.

Land policy review. Vol. 2, No. 1, January–February 1939. Price, 5¢ a copy; 25¢ a year, domestic.[1]

Monthly weather review. Vol. 66, No. 11, November 1938. Illus. Price, 20¢ a copy; $2.00 a year, domestic; $2.75 a year, foreign.[1] Not for general distribution.

Public roads. Vol. 19, No. 12, February 1939. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year, foreign.[1]

Soil conservation. Vol. 4, No. 8, February 1939. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year, foreign.[1]

Weekly weather and crop bulletin. Nos. 5–8, January 31–February 21, 1939. Price, 50¢ a year, domestic; $1 a year, foreign.[1]

[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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